

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022818\
 Data File : BN000199.D
 Acq On : 28 Feb 2018 10:12
 Operator : JU/SJ
 Sample : MDL-S-BL-2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-BL-2

Quant Time: Feb 28 17:00:11 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 15:07:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	8849	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	31361	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	16109	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	40793	0.40	ng	0.00
27) Chrysene-d12	21.90	240	29593	0.40	ng	0.00
34) Perylene-d12	24.37	264	24006	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.94	112	6390	0.34	ng	0.00
5) Phenol-d6	7.58	99	7800	0.33	ng	0.00
8) Nitrobenzene-d5	9.63	82	5135	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	13843	0.29	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1260	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	21226	0.28	ng	0.00
25) Fluoranthene-d10	19.77	212	29015	0.27	ng	0.00
29) Terphenyl-d14	20.34	244	16207	0.31	ng	0.00

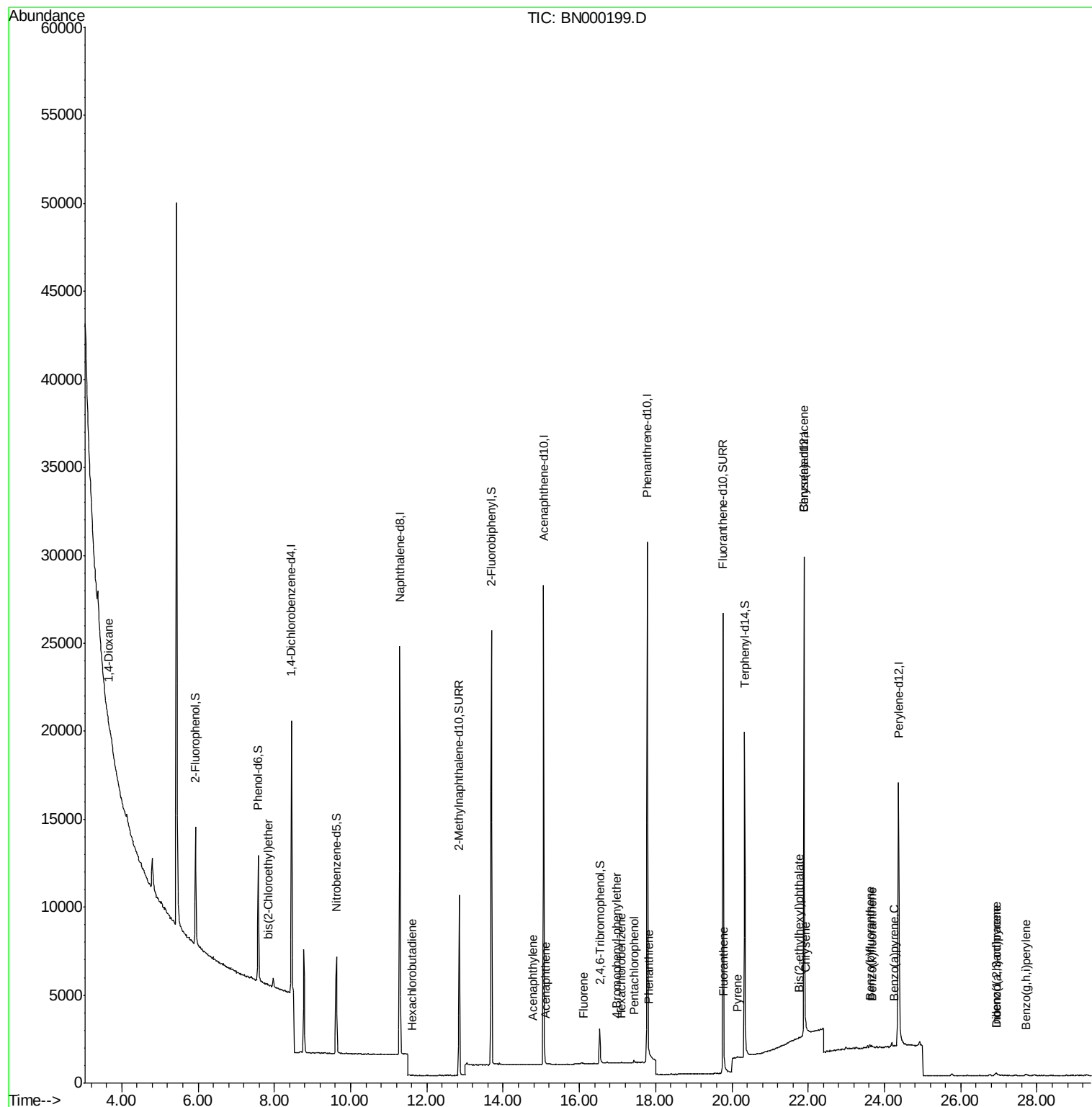
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.67	88	7	0.001	ng	# 29
6) bis(2-Chloroethyl)ether	7.85	93	14	0.000	ng	# 73
10) Hexachlorobutadiene	11.62	225	5	0.000	ng	# 63
16) Acenaphthylene	14.78	152	28	0.000	ng	# 76
17) Acenaphthene	15.13	154	6	0.000	ng	# 1
18) Fluorene	16.10	166	33	0.000	ng	91
20) 4-Bromophenyl-phenylether	16.97	248	5	0.000	ng	# 43
21) Hexachlorobenzene	17.09	284	19	0.001	ng	# 73
22) Pentachlorophenol	17.43	266	100	0.105	ng	# 80
23) Phenanthrene	17.82	178	55	0.000	ng	# 61
26) Fluoranthene	19.80	202	63	0.000	ng	# 64
28) Pyrene	20.16	202	68	0.001	ng	# 78
30) Benzo(a)anthracene	21.90	228	175	0.002	ng	# 50
31) Chrysene	21.93	228	147	0.001	ng	# 45
32) Bis(2-ethylhexyl)phthalate	21.76	149	94	0.003	ng	# 72
33) Indeno(1,2,3-cd)pyrene	26.92	276	197	0.002	ng	# 87
35) Benzo(b)fluoranthene	23.61	252	228	0.002	ng	# 1
36) Benzo(k)fluoranthene	23.67	252	176	0.002	ng	# 1
37) Benzo(a)pyrene	24.25	252	60	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	26.94	278	199	0.003	ng	# 1
39) Benzo(g,h,i)perylene	27.70	276	163	0.002	ng	# 1

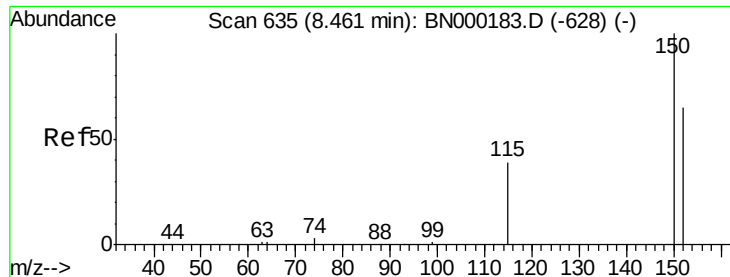
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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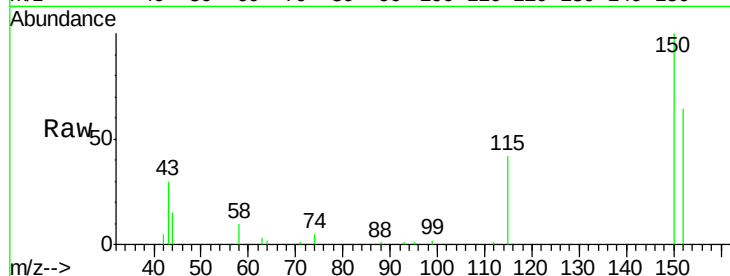


#1

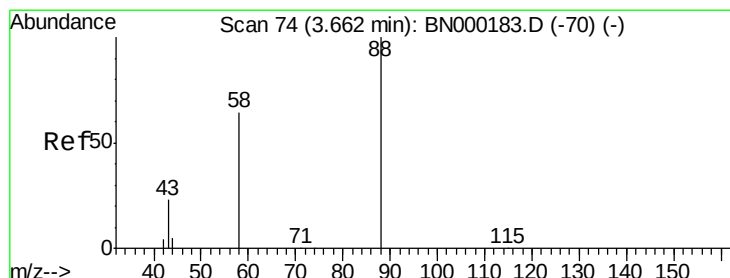
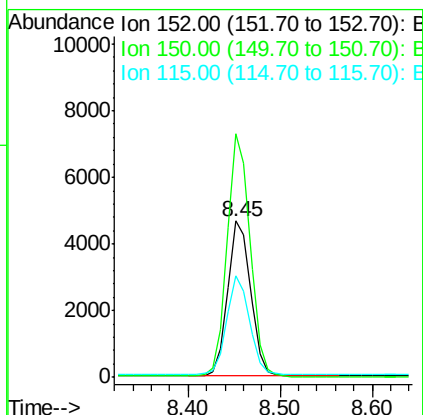
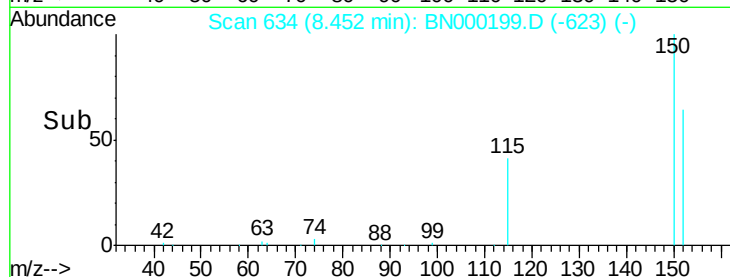
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.45 min Scan# 634
Delta R.T. -0.01 min
Lab File: BN000199.D
Acq: 28 Feb 2018 10:12

Instrument :
BNA_N
ClientSampleId :
MDL-S-BL-2

Tgt Ion:152 Resp: 8849
Ion Ratio Lower Upper
152 100
150 156.1 117.2 175.8
115 65.2 57.0 85.6



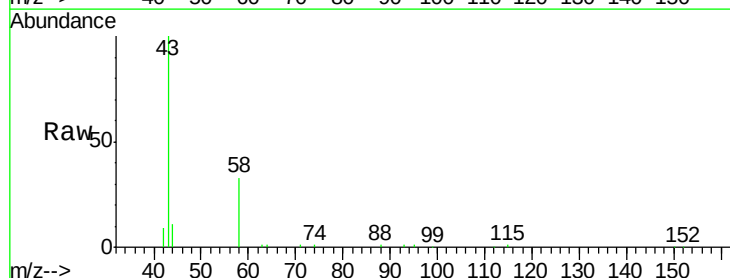
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



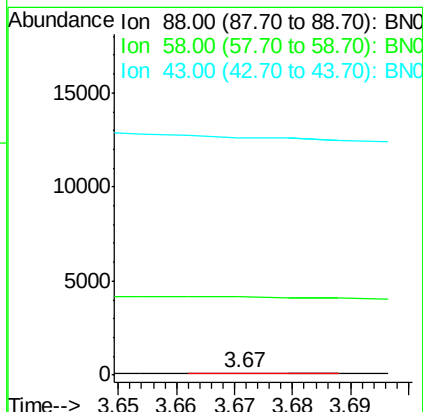
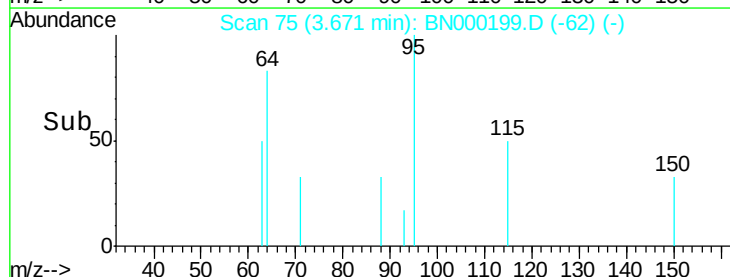
#2

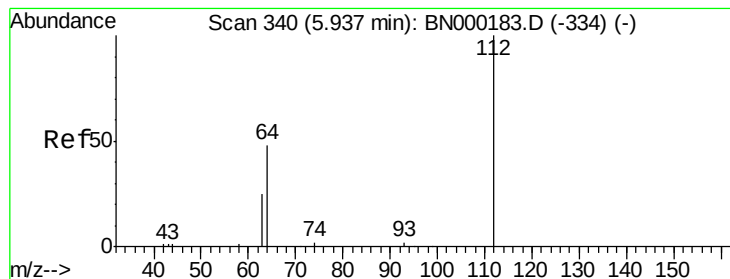
1,4-Dioxane
Concen: 0.001 ng
RT: 3.67 min Scan# 75
Delta R.T. 0.01 min
Lab File: BN000199.D
Acq: 28 Feb 2018 10:12

Tgt Ion: 88 Resp: 7
Ion Ratio Lower Upper
88 100
58 0.0 48.0 72.0#
43 0.0 20.0 30.0#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.342 ng

RT: 5.94 min Scan# 340

Delta R.T. -0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL-2

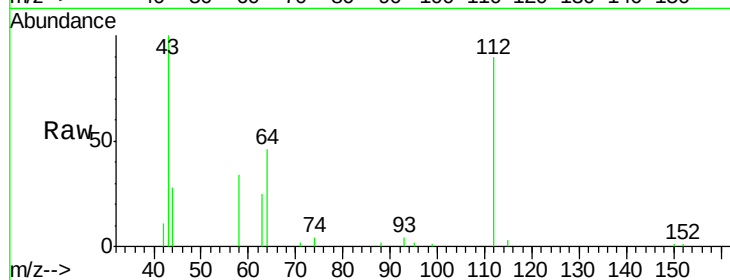
Tgt Ion: 112 Resp: 6390

Ion Ratio Lower Upper

112 100

64 54.2 60.1 90.1#

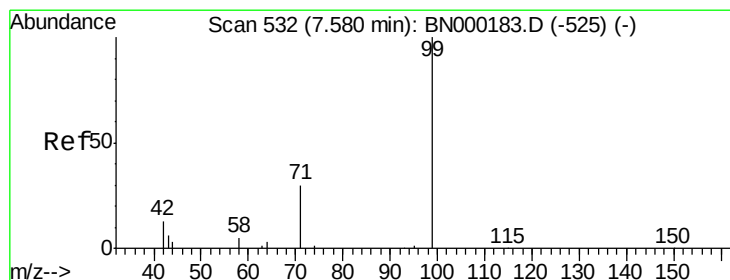
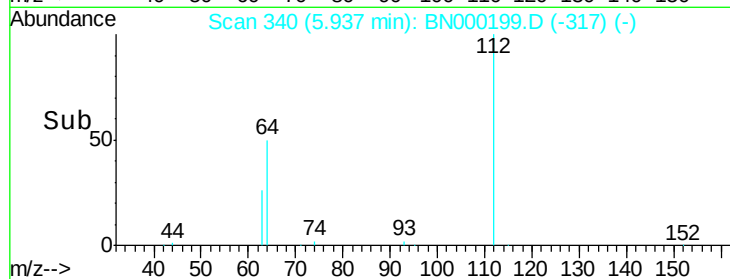
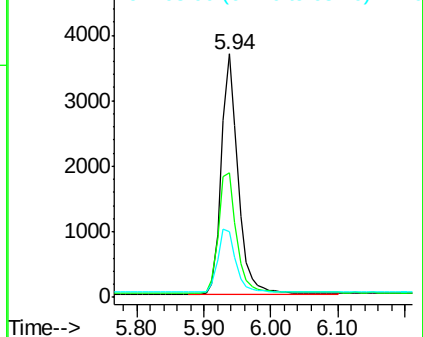
63 28.5 116.8 175.2#



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.329 ng

RT: 7.58 min Scan# 532

Delta R.T. -0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

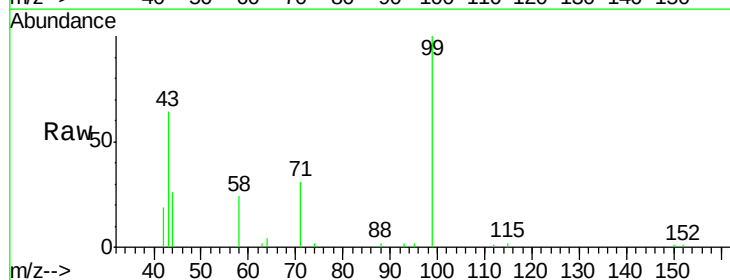
Tgt Ion: 99 Resp: 7800

Ion Ratio Lower Upper

99 100

42 14.9 20.2 30.2#

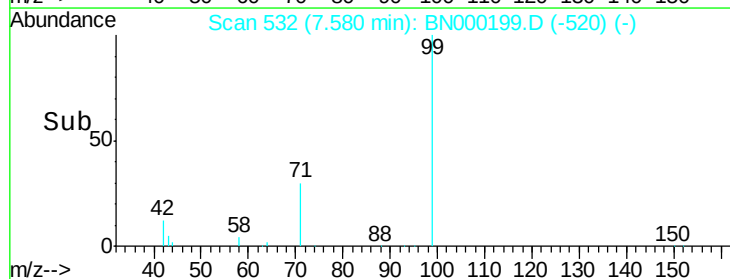
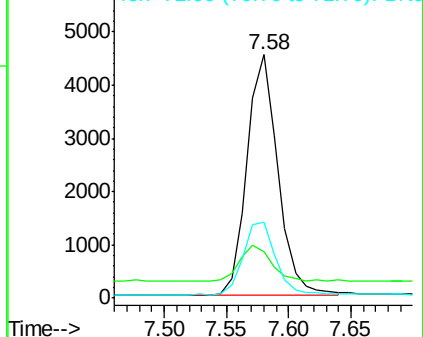
71 31.4 28.4 42.6

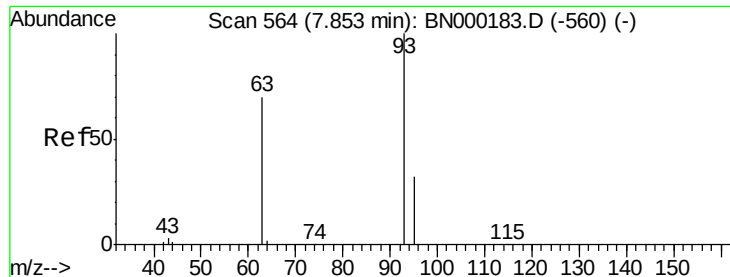


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.000 ng

RT: 7.85 min Scan# 564

Delta R.T. -0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL-2

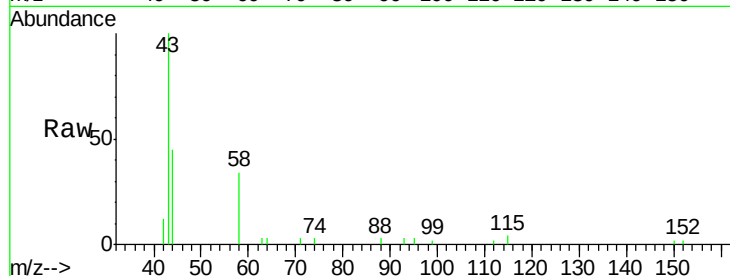
Tgt Ion: 93 Resp: 14

Ion Ratio Lower Upper

93 100

63 100.0 56.0 84.0#

95 28.6 25.2 37.8

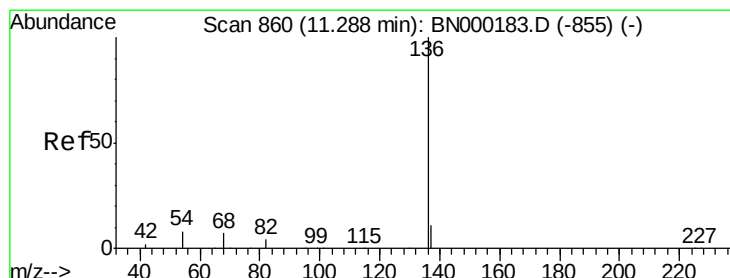
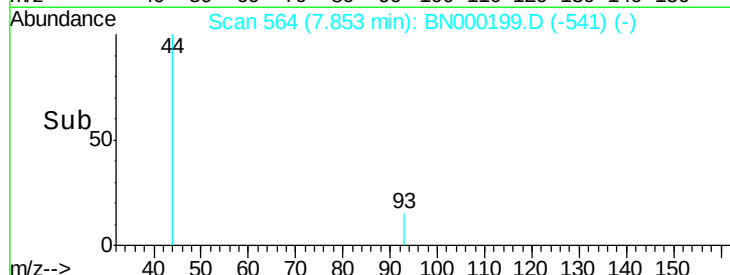
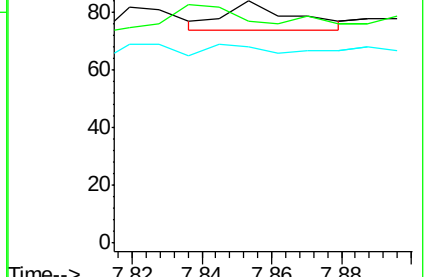


Abundance Ion 93.00 (92.70 to 93.70): BN000183.D (-560) (-)

Ion 63.00 (62.70 to 63.70): BN000183.D (-560) (-)

Ion 95.00 (94.70 to 95.70): BN000183.D (-560) (-)

7.85



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 860

Delta R.T. -0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

Tgt Ion: 136 Resp: 31361

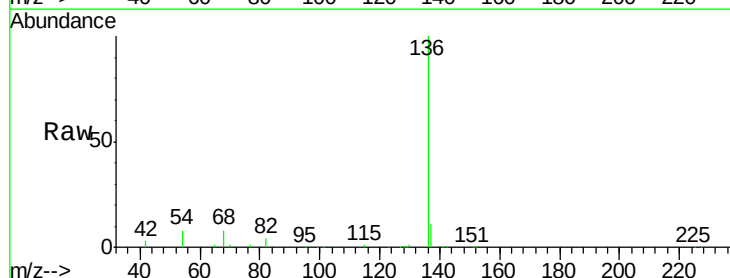
Ion Ratio Lower Upper

136 100

137 11.0 9.5 14.3

54 8.2 29.1 43.7#

68 7.5 6.2 9.2



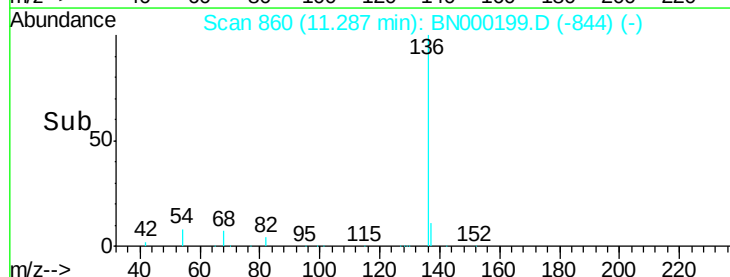
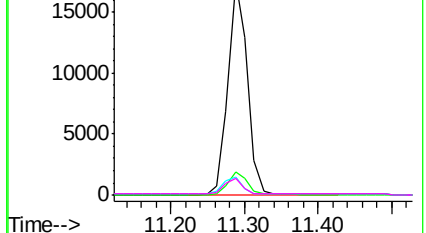
Abundance Ion 136.00 (135.70 to 136.70): BN000183.D (-855) (-)

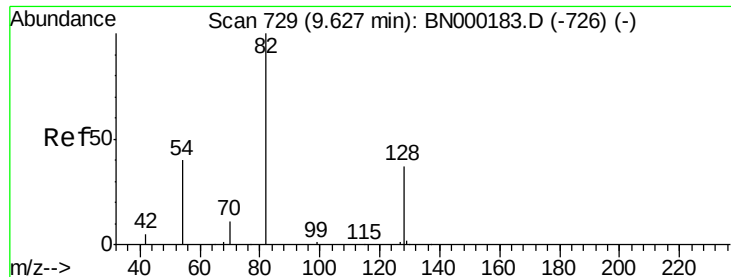
Ion 137.00 (136.70 to 137.70): BN000183.D (-855) (-)

Ion 54.00 (53.70 to 54.70): BN000183.D (-855) (-)

Ion 68.00 (67.70 to 68.70): BN000183.D (-855) (-)

11.29





#8

Nitrobenzene-d5

Concen: 0.276 ng

RT: 9.63 min Scan# 729

Delta R.T. -0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL-2

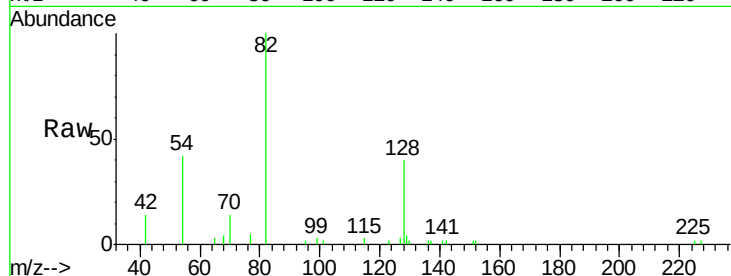
Tgt Ion: 82 Resp: 5135

Ion Ratio Lower Upper

82 100

128 40.1 150.0 225.0#

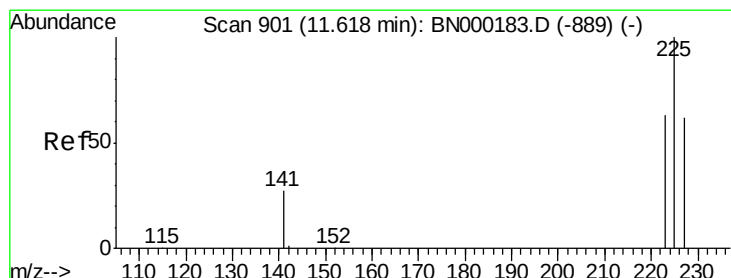
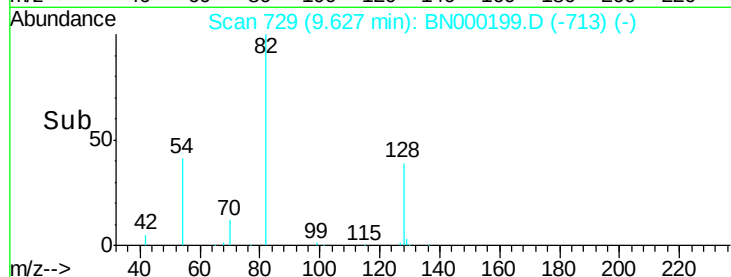
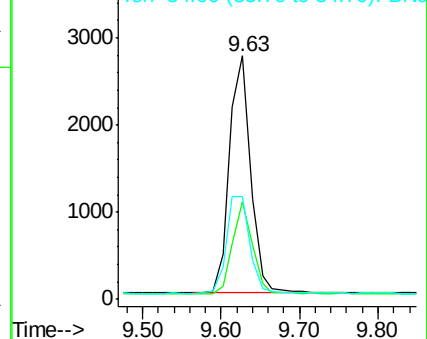
54 42.4 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#10

Hexachlorobutadiene

Concen: 0.000 ng

RT: 11.62 min Scan# 904

Delta R.T. 0.01 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

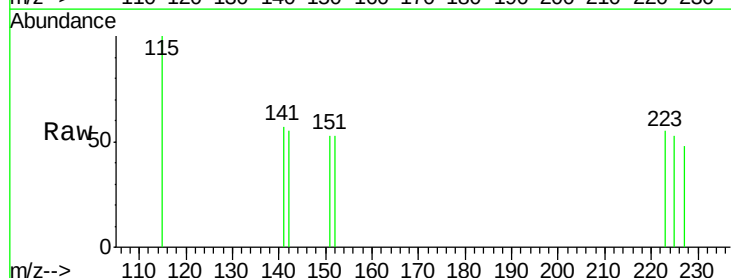
Tgt Ion: 225 Resp: 5

Ion Ratio Lower Upper

225 100

223 80.0 53.0 79.6#

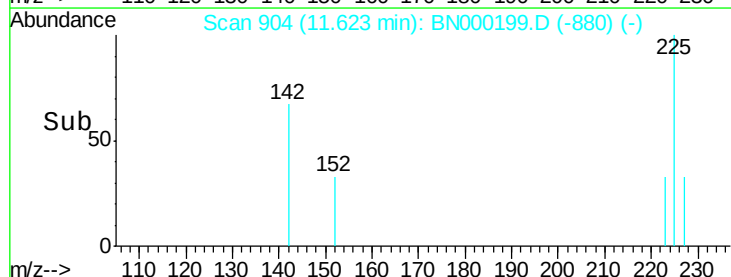
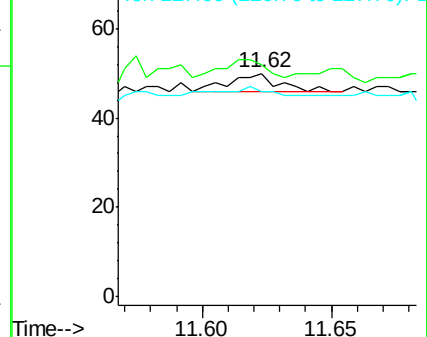
227 20.0 51.4 77.2#

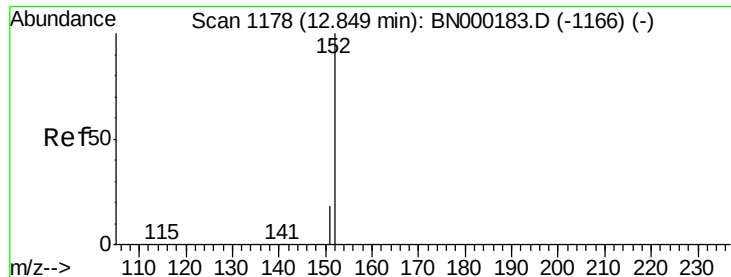


Abundance Ion 225.00 (224.70 to 225.70): BNC

Ion 223.00 (222.70 to 223.70): BNC

Ion 227.00 (226.70 to 227.70): BNC

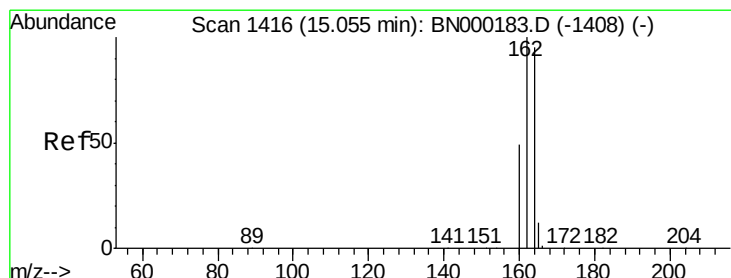
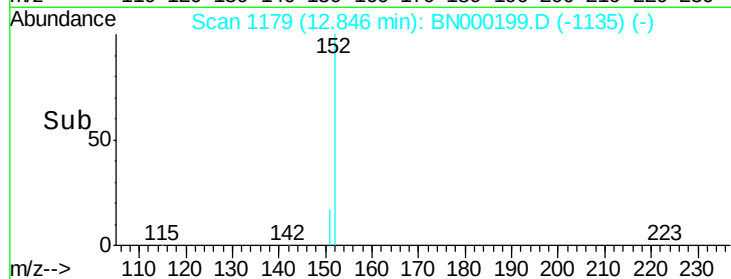
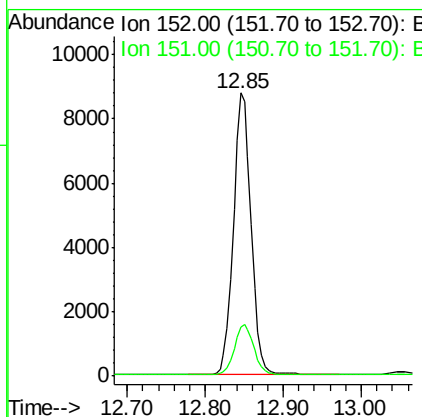
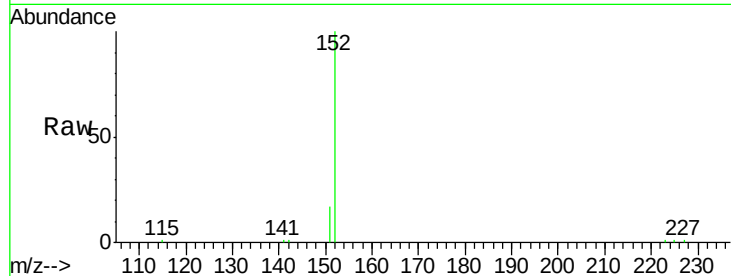




#11
 2-Methylnaphthalene-d10
 Concen: 0.293 ng
 RT: 12.85 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BN000199.D
 Acq: 28 Feb 2018 10:12

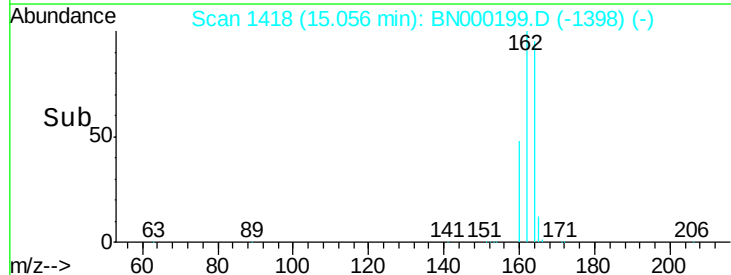
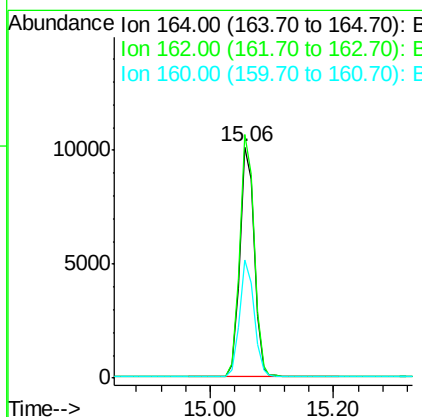
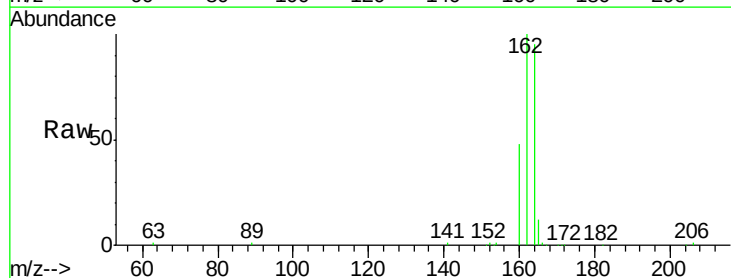
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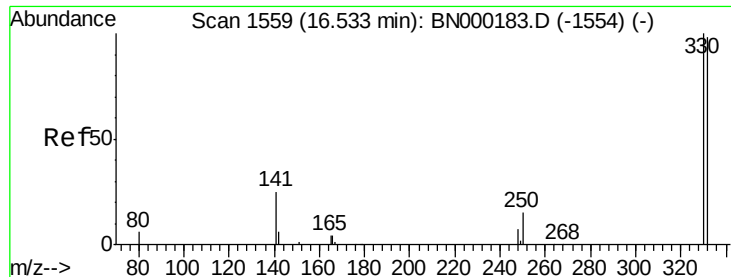
Tgt Ion:152 Resp: 13843
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.06 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BN000199.D
 Acq: 28 Feb 2018 10:12

Tgt Ion:164 Resp: 16109
 Ion Ratio Lower Upper
 164 100
 162 105.4 83.1 124.7
 160 51.0 37.1 55.7

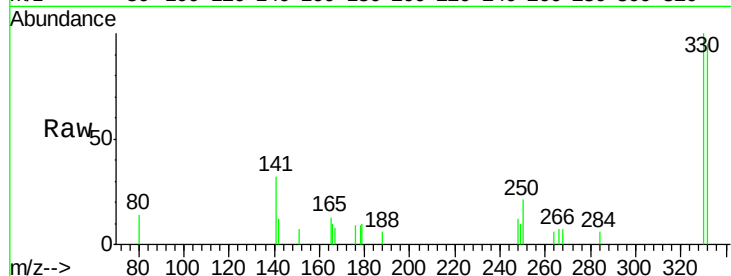




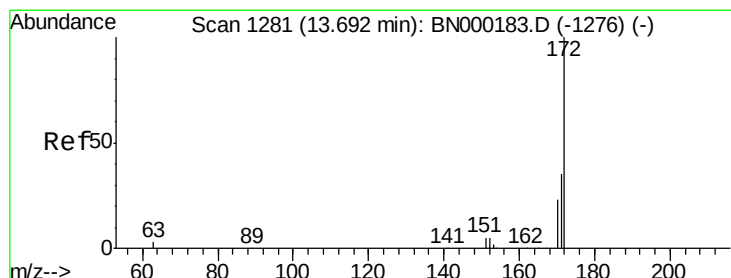
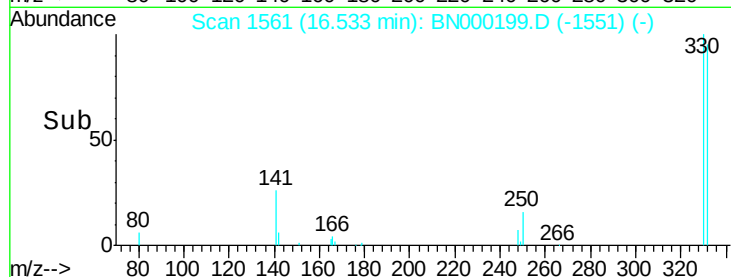
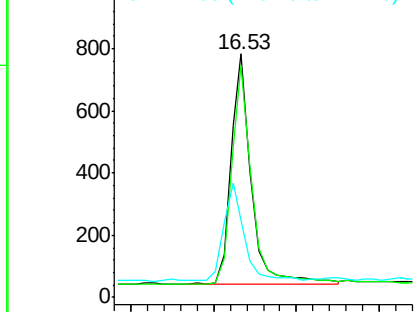
#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 16.53 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BN000199.D
Acq: 28 Feb 2018 10:12

Instrument :
BNA_N
ClientSampleId :
MDL-S-BL-2

Tgt Ion: 330 Resp: 1260
Ion Ratio Lower Upper
330 100
332 96.7 152.7 229.1#
141 41.7 33.7 50.5

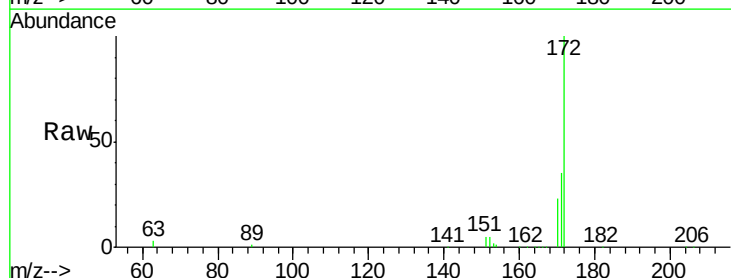


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

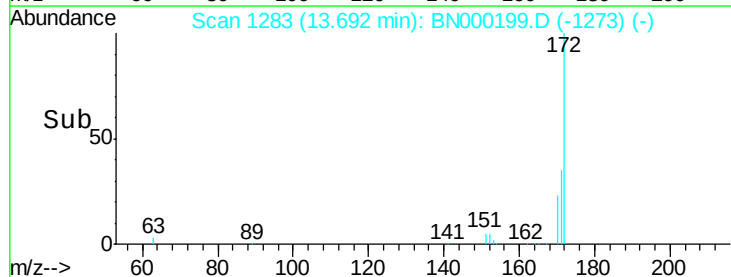
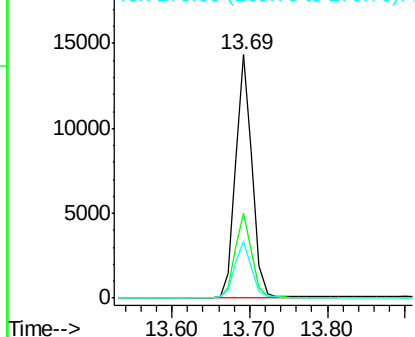


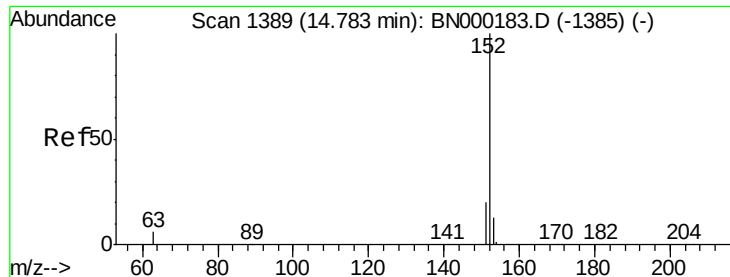
#15
2-Fluorobiphenyl
Concen: 0.278 ng
RT: 13.69 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN000199.D
Acq: 28 Feb 2018 10:12

Tgt Ion: 172 Resp: 21226
Ion Ratio Lower Upper
172 100
171 34.9 29.9 44.9
170 23.5 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

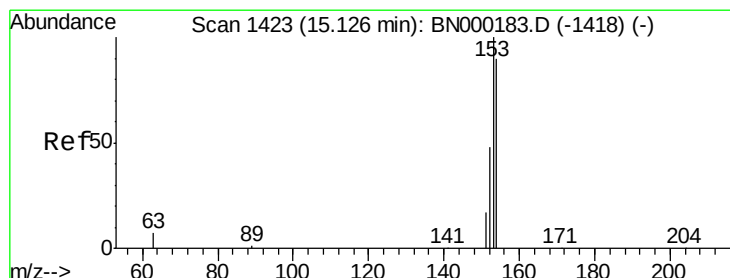
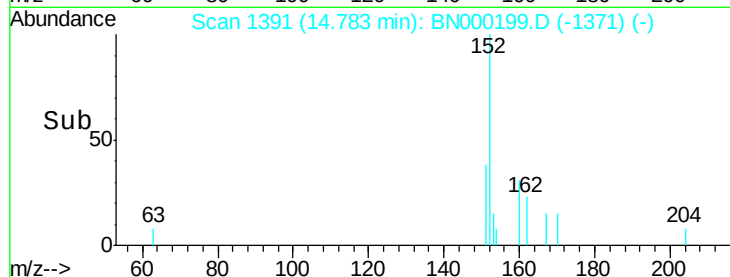
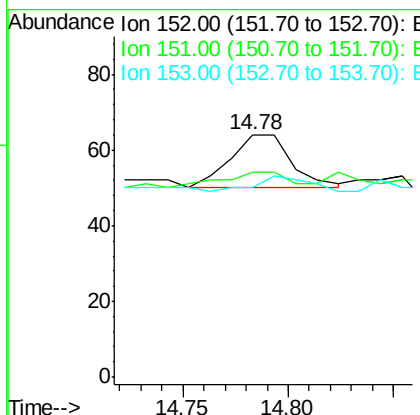
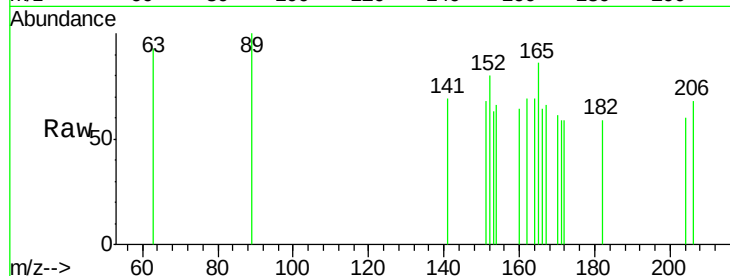




#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.78 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BN000199.D
Acq: 28 Feb 2018 10:12

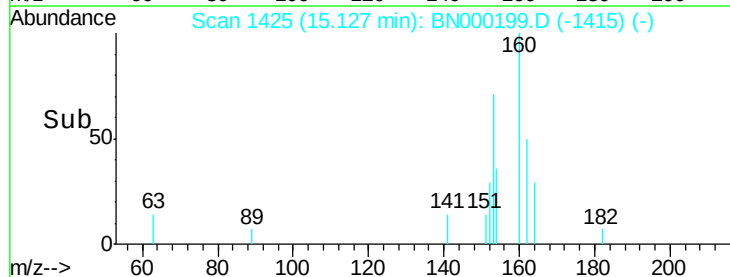
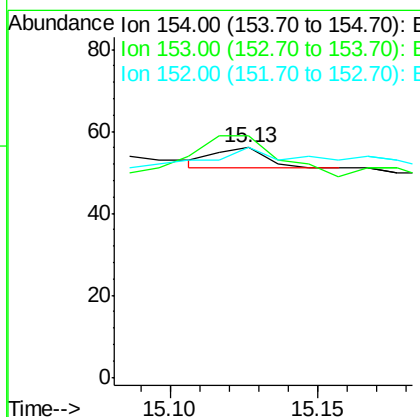
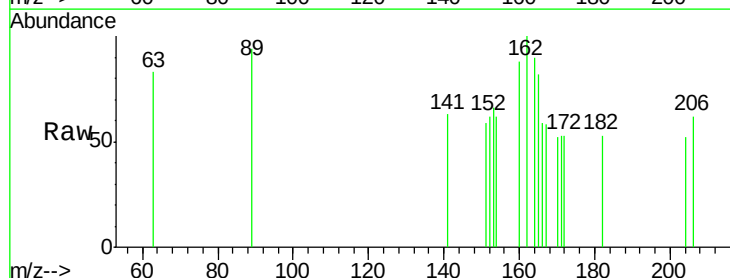
Instrument :
BNA_N
ClientSampleId :
MDL-S-BL-2

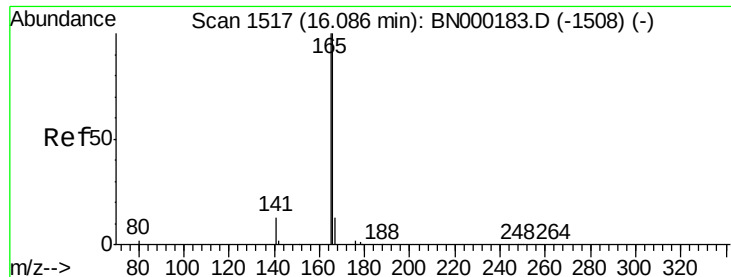
Tgt Ion:152 Resp: 28
Ion Ratio Lower Upper
152 100
151 28.6 15.7 23.5#
153 25.0 10.5 15.7#



#17
Acenaphthene
Concen: 0.000 ng
RT: 15.13 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BN000199.D
Acq: 28 Feb 2018 10:12

Tgt Ion:154 Resp: 6
Ion Ratio Lower Upper
154 100
153 350.0 89.2 133.8#
152 216.7 42.0 63.0#





#18

Fluorene

Concen: 0.000 ng

RT: 16.10 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL-2

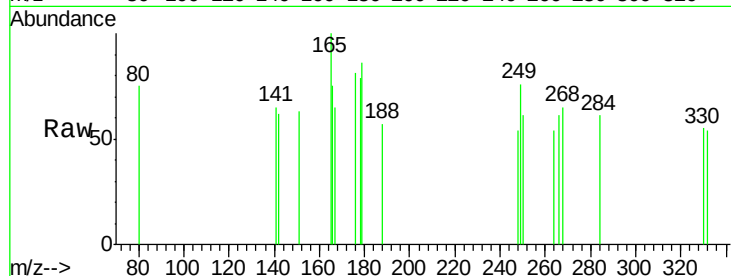
Tgt Ion:166 Resp: 33

Ion Ratio Lower Upper

166 100

165 109.1 77.8 116.6

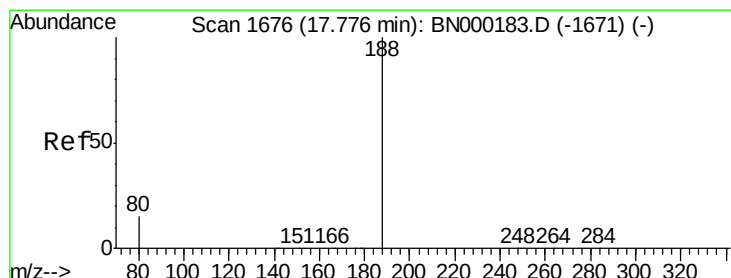
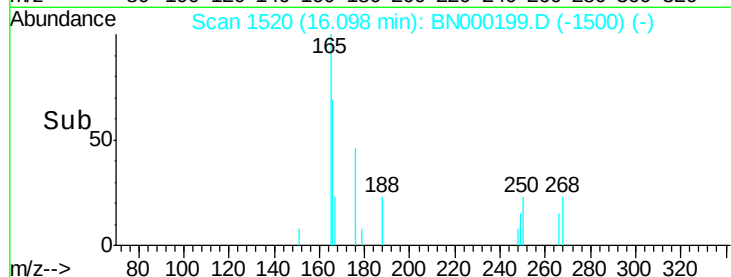
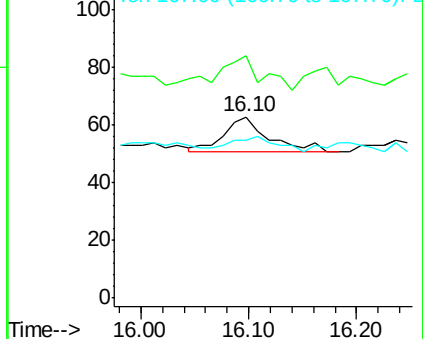
167 51.5 42.4 63.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.78 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

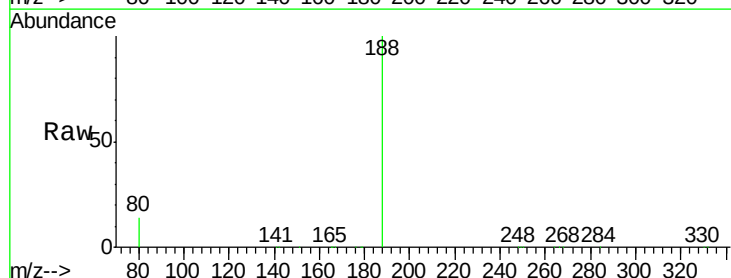
Tgt Ion:188 Resp: 40793

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

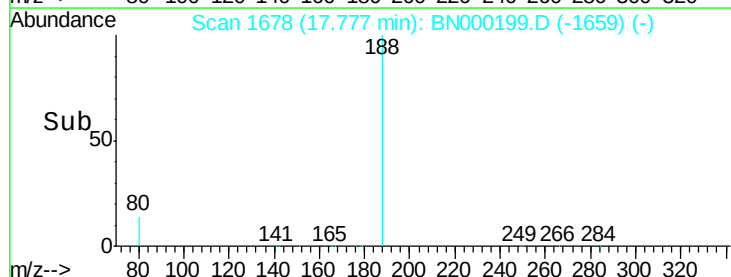
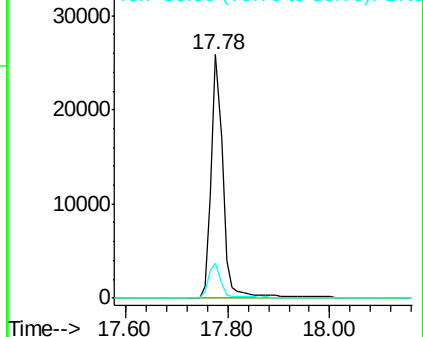
80 14.3 3.6 5.4#

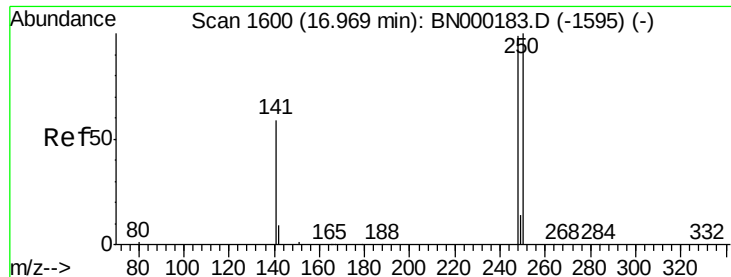


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

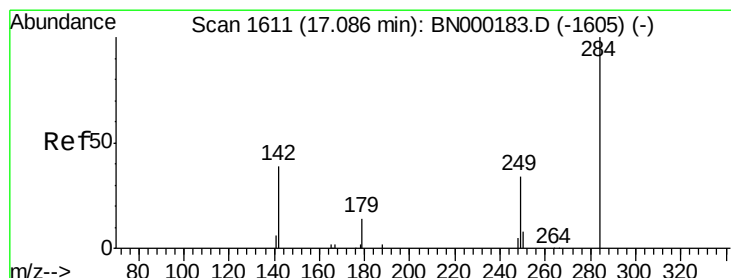
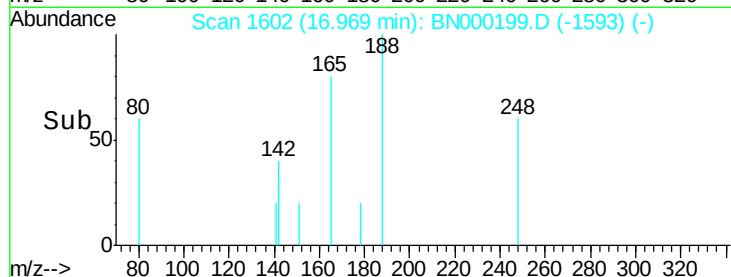
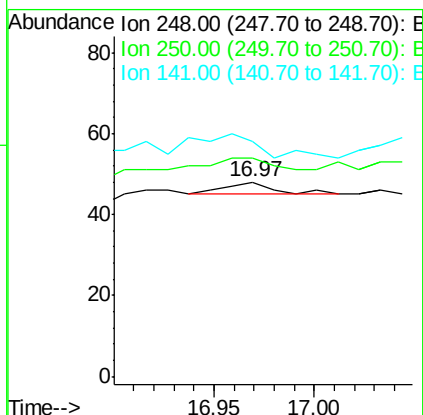
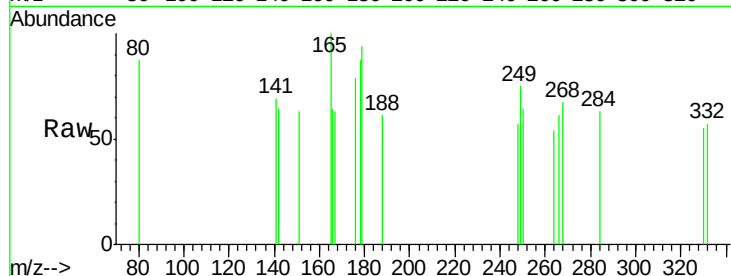




#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.97 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BN000199.D
Acq: 28 Feb 2018 10:12

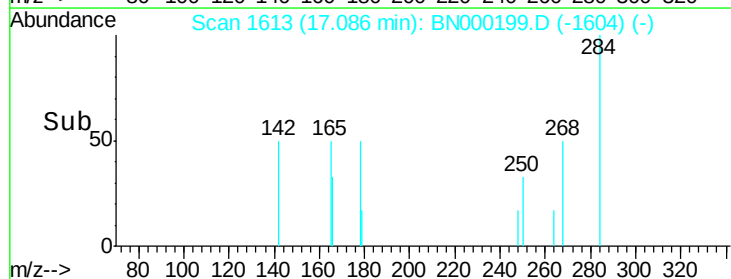
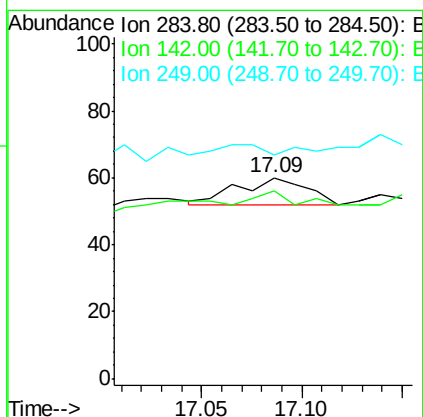
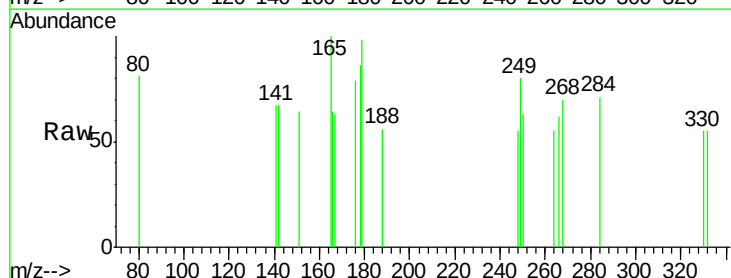
Instrument :
BNA_N
ClientSampleId :
MDL-S-BL-2

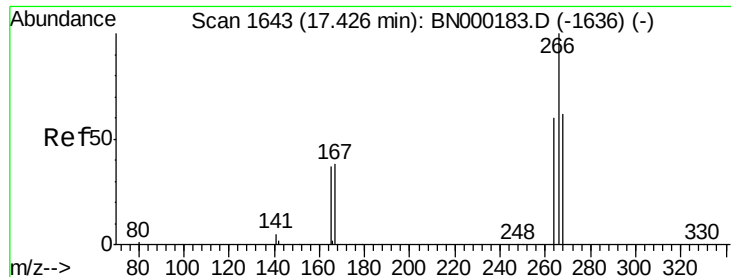
Tgt Ion: 248 Resp: 5
Ion Ratio Lower Upper
248 100
250 112.5 62.7 94.1#
141 120.8 48.2 72.2#



#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 17.09 min Scan# 1613
Delta R.T. 0.00 min
Lab File: BN000199.D
Acq: 28 Feb 2018 10:12

Tgt Ion: 284 Resp: 19
Ion Ratio Lower Upper
284 100
142 36.8 32.0 48.0
249 0.0 24.0 36.0#





#22

Pentachlorophenol

Concen: 0.105 ng

RT: 17.43 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL-2

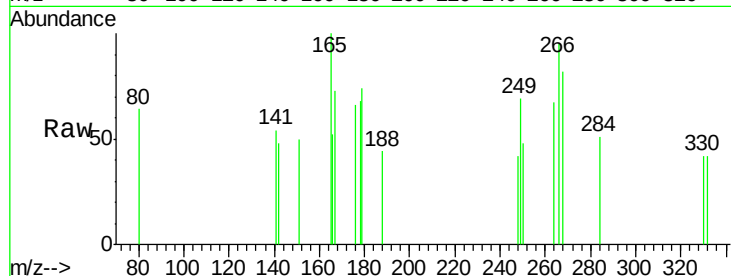
Tgt Ion:266 Resp: 100

Ion Ratio Lower Upper

266 100

264 69.9 48.0 72.0

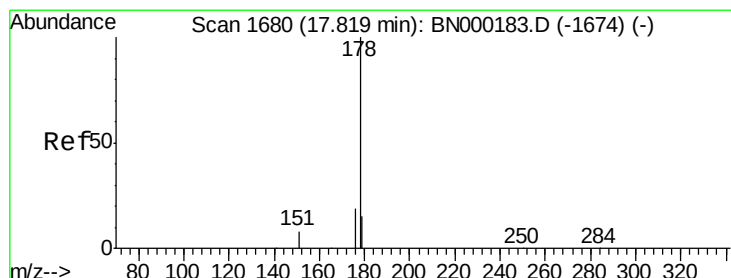
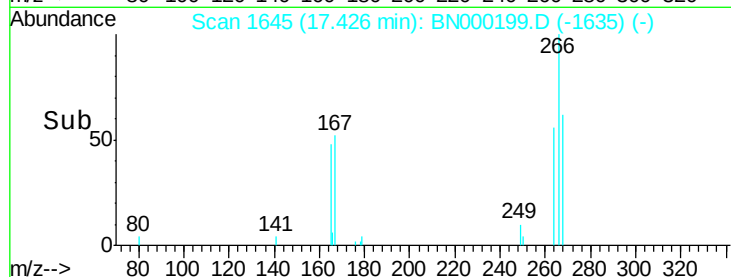
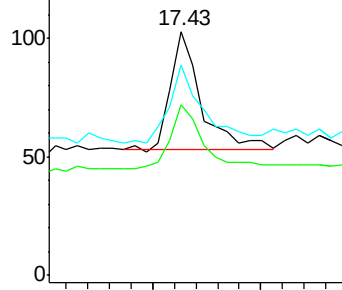
268 86.4 52.0 78.0#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#23

Phenanthrene

Concen: 0.000 ng

RT: 17.82 min Scan# 1682

Delta R.T. 0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

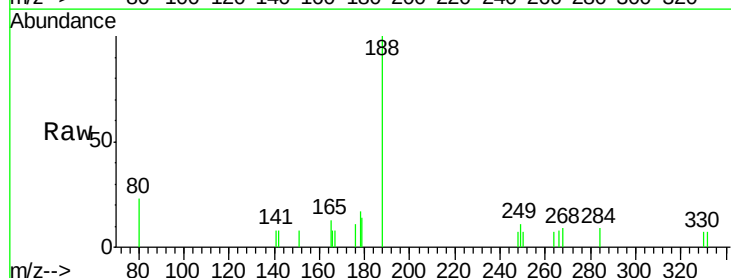
Tgt Ion:178 Resp: 55

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

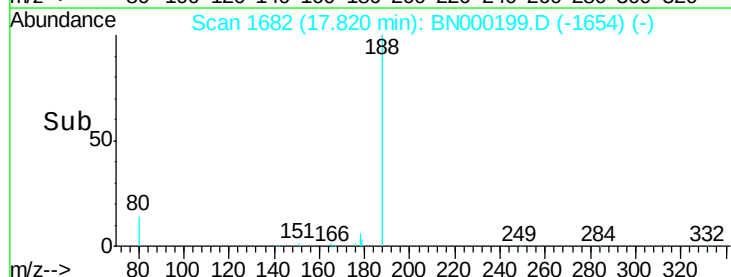
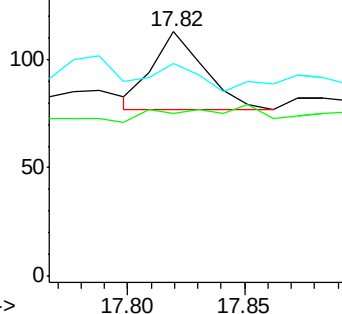
179 0.0 11.8 17.6#

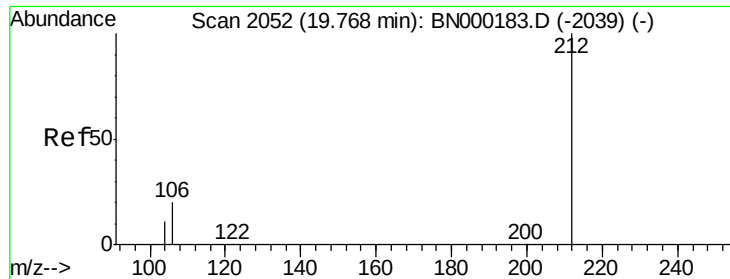


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.266 ng

RT: 19.77 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL-2

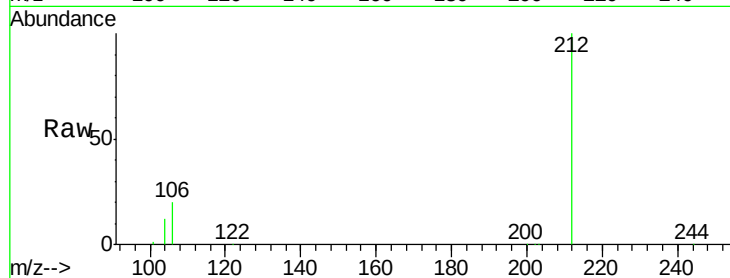
Tgt Ion:212 Resp: 29015

Ion Ratio Lower Upper

212 100

106 19.3 2.8 4.2#

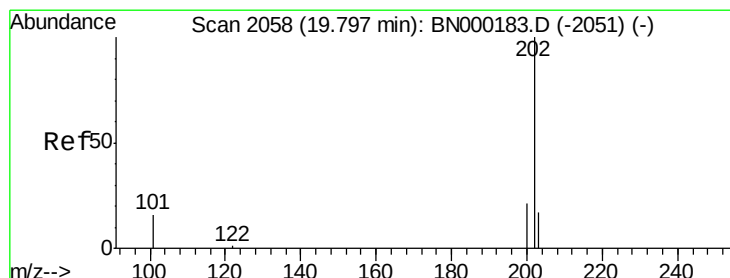
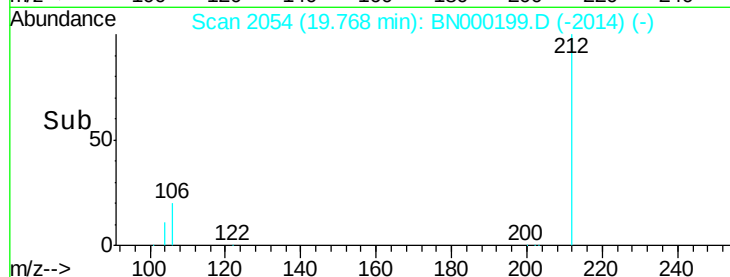
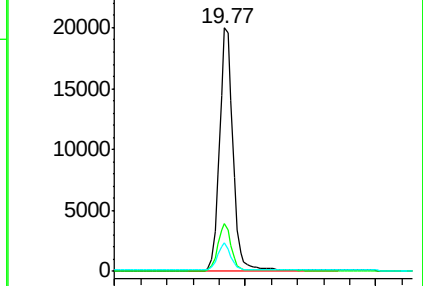
104 10.8 1.6 2.4#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.000 ng

RT: 19.80 min Scan# 2061

Delta R.T. 0.01 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

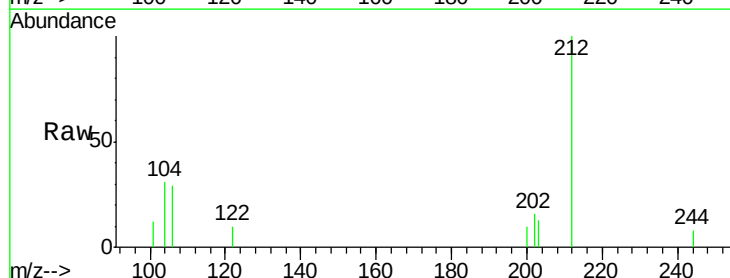
Tgt Ion:202 Resp: 63

Ion Ratio Lower Upper

202 100

101 0.0 9.8 14.8#

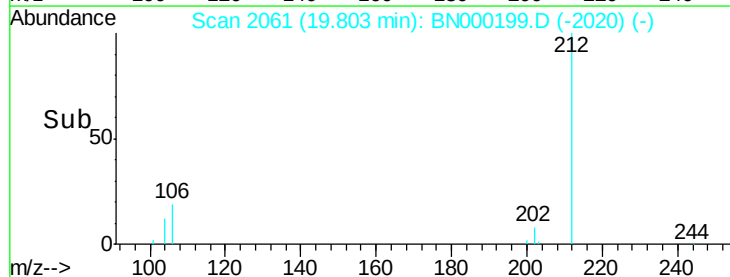
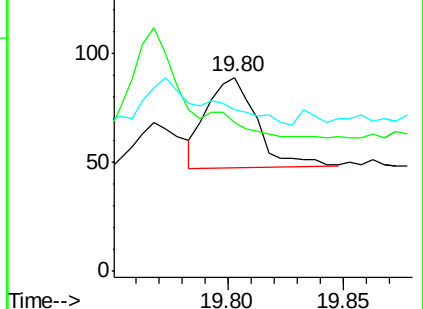
203 0.0 13.7 20.5#

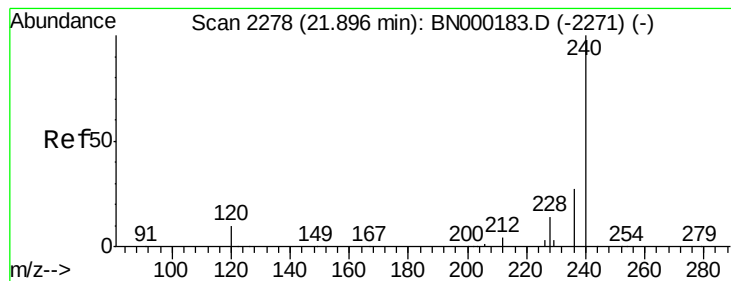


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.90 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL-2

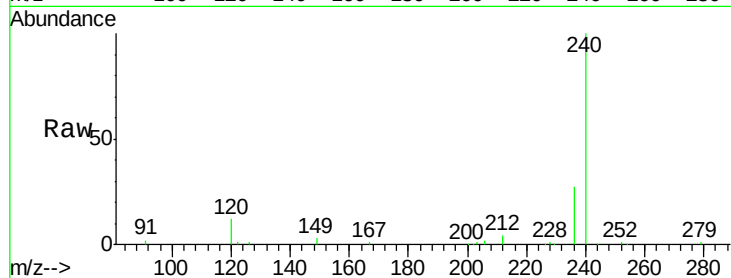
Tgt Ion:240 Resp: 29593

Ion Ratio Lower Upper

240 100

120 11.6 5.5 8.3#

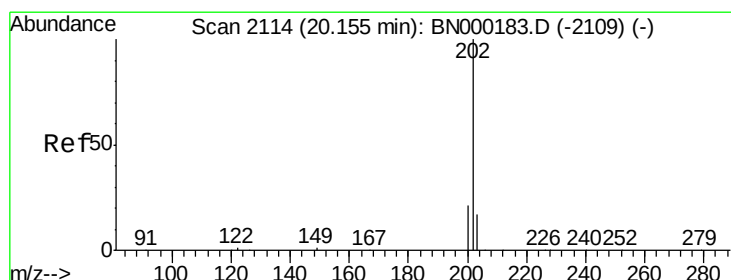
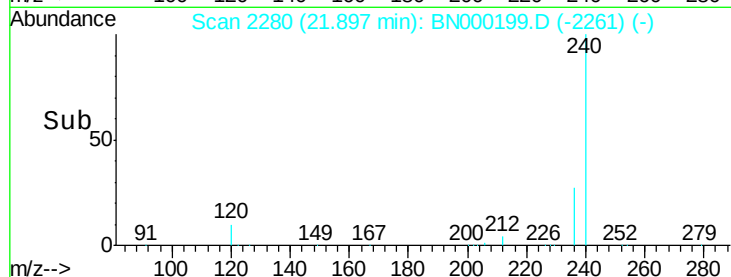
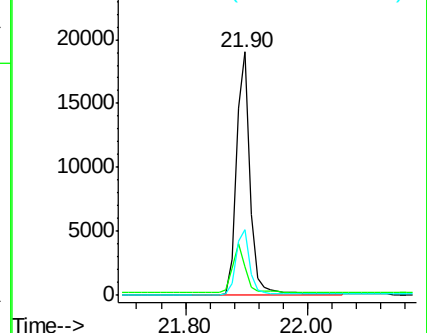
236 27.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.001 ng

RT: 20.16 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

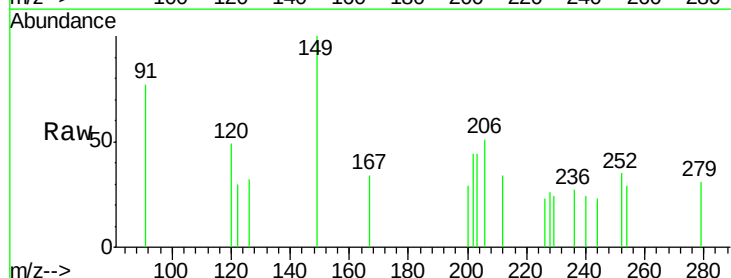
Tgt Ion:202 Resp: 68

Ion Ratio Lower Upper

202 100

200 26.5 16.6 25.0#

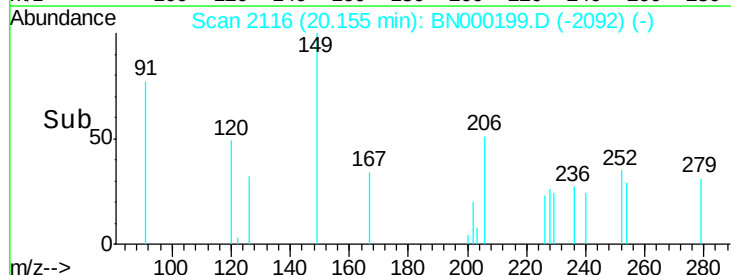
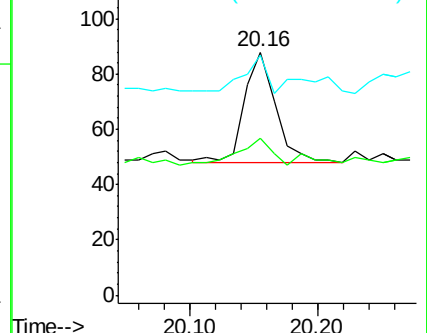
203 32.4 13.8 20.8#

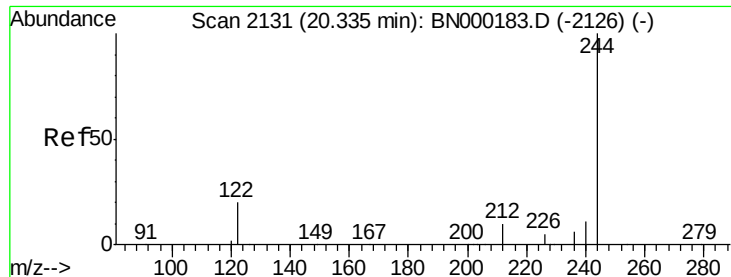


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.312 ng

RT: 20.34 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL-2

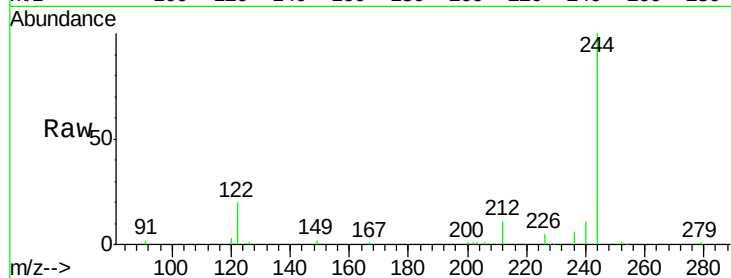
Tgt Ion:244 Resp: 16207

Ion Ratio Lower Upper

244 100

212 10.5 25.4 38.0#

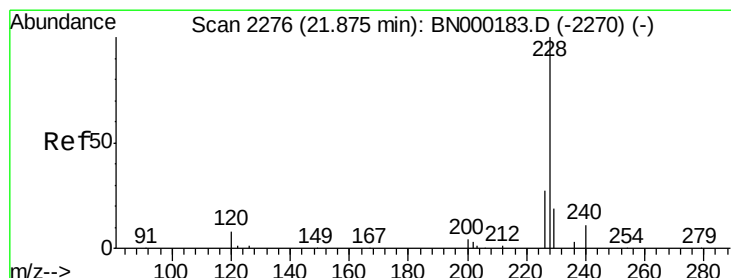
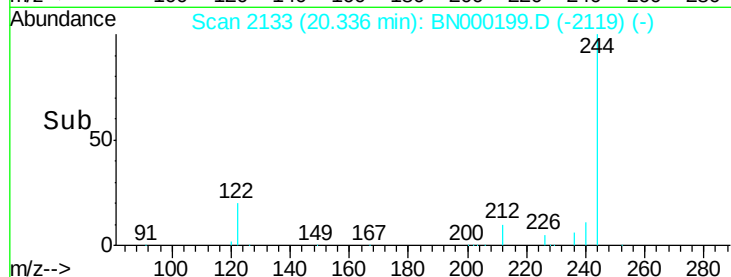
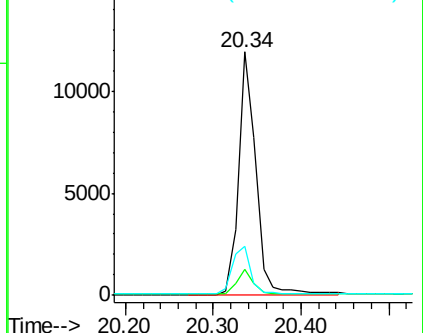
122 20.3 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.002 ng

RT: 21.90 min Scan# 2280

Delta R.T. 0.02 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

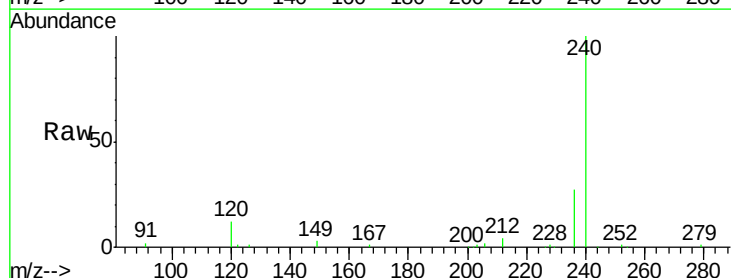
Tgt Ion:228 Resp: 175

Ion Ratio Lower Upper

228 100

226 46.0 24.0 36.0#

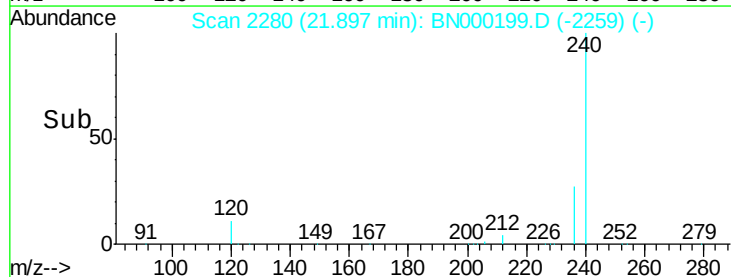
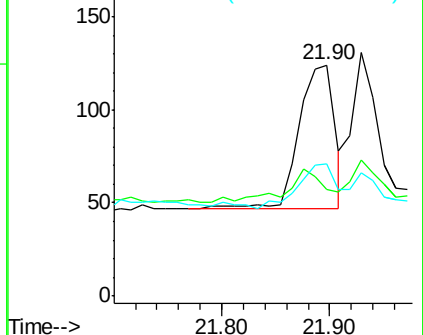
229 57.3 16.0 24.0#

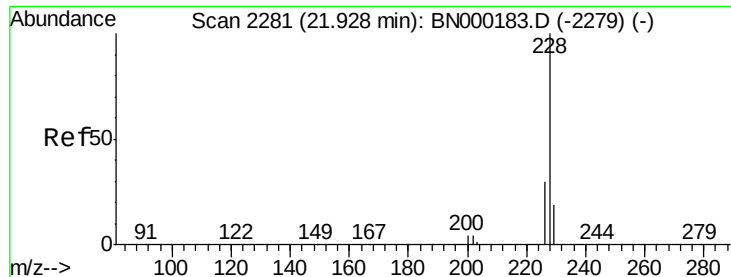


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.001 ng

RT: 21.93 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL-2

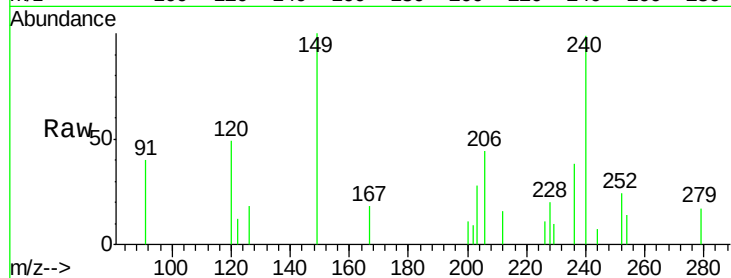
Tgt Ion:228 Resp: 147

Ion Ratio Lower Upper

228 100

226 55.7 24.0 36.0#

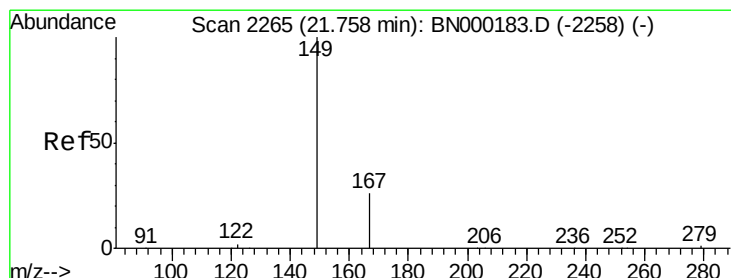
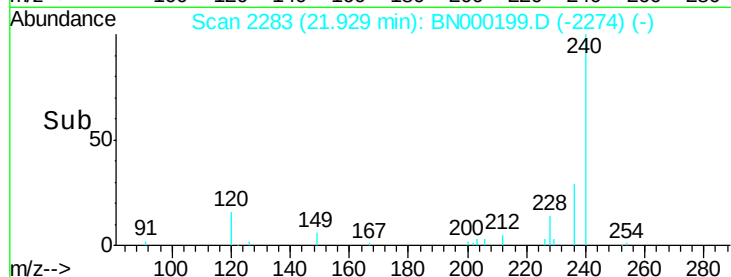
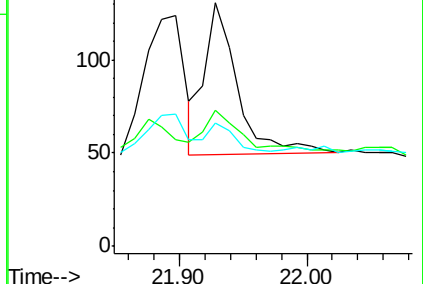
229 50.4 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.003 ng

RT: 21.76 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

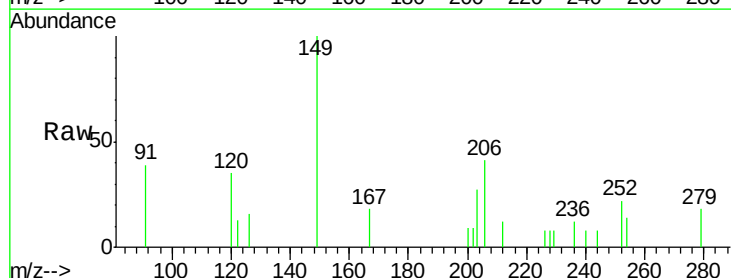
Tgt Ion:149 Resp: 94

Ion Ratio Lower Upper

149 100

167 36.2 20.0 30.0#

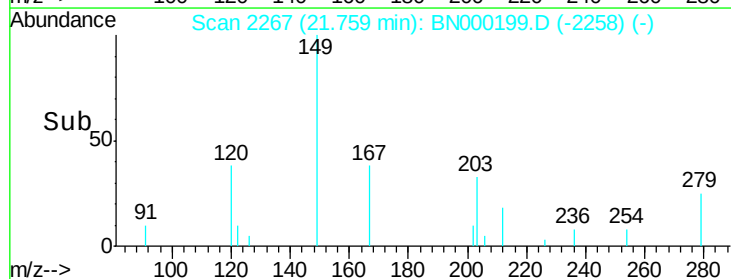
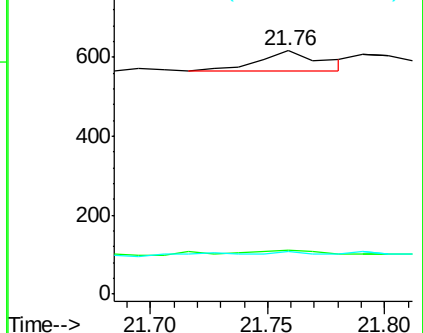
279 38.3 1.6 2.4#

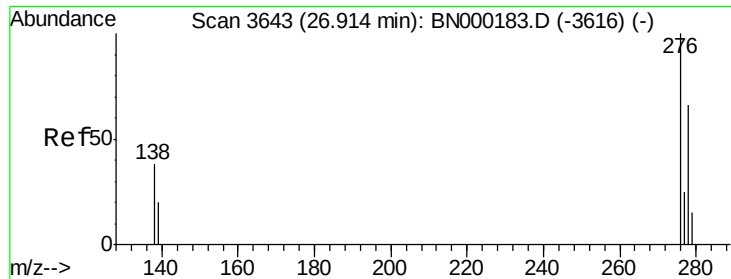


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 26.92 min Scan# 3648

Delta R.T. 0.01 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL-2

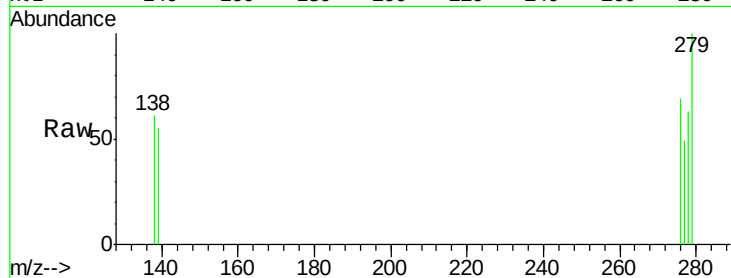
Tgt Ion:276 Resp: 197

Ion Ratio Lower Upper

276 100

138 32.0 22.5 33.7

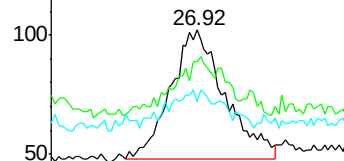
277 15.2 19.9 29.9#



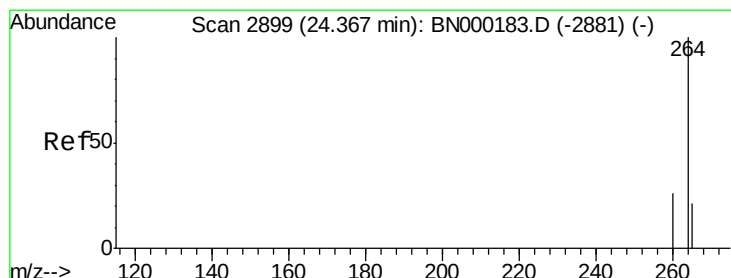
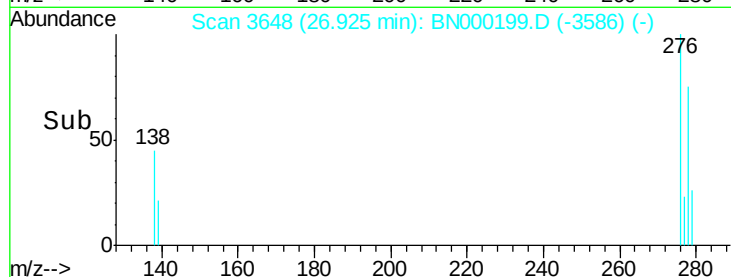
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time--> 26.80 26.90 27.00



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.37 min Scan# 2901

Delta R.T. 0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

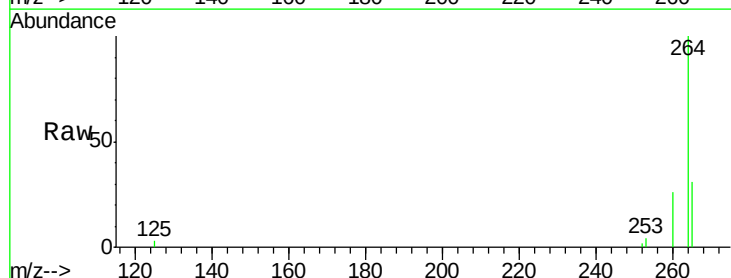
Tgt Ion:264 Resp: 24006

Ion Ratio Lower Upper

264 100

260 26.1 20.5 30.7

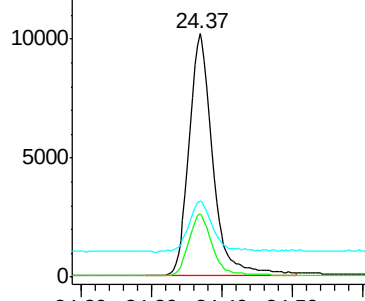
265 31.2 22.8 34.2



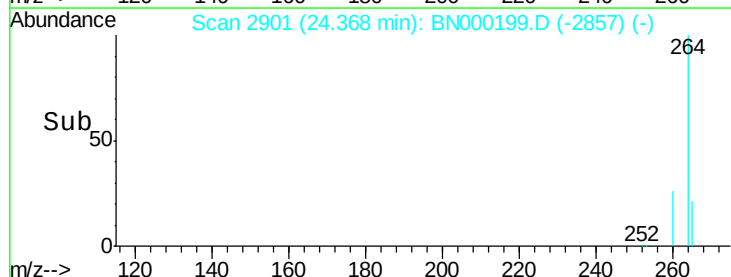
Abundance Ion 264.00 (263.70 to 264.70): E

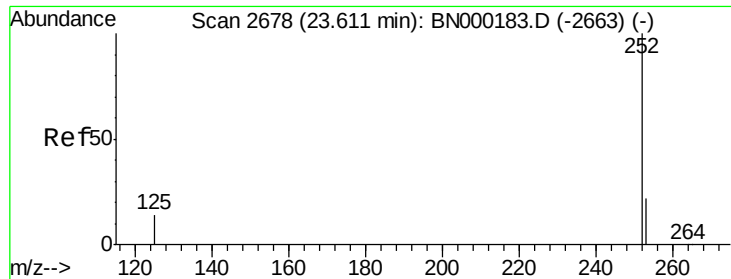
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time--> 24.20 24.30 24.40 24.50





#35

Benzo(b)fluoranthene

Concen: 0.002 ng

RT: 23.61 min Scan# 2681

Delta R.T. 0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL-2

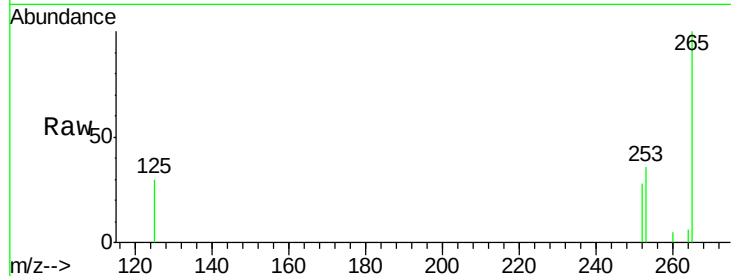
Tgt Ion:252 Resp: 228

Ion Ratio Lower Upper

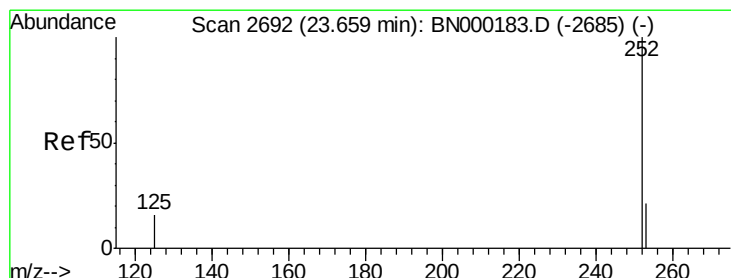
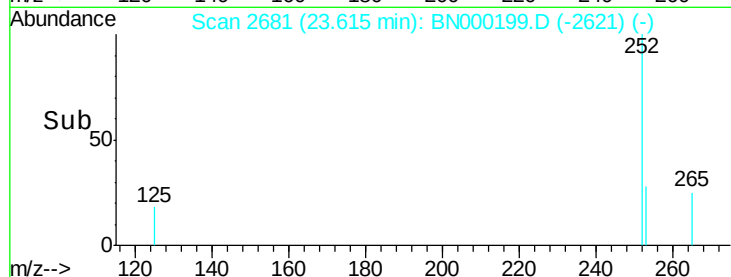
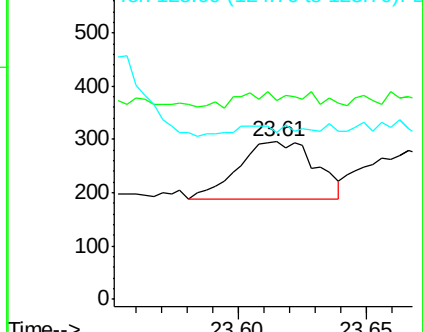
252 100

253 125.7 20.0 30.0#

125 106.1 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.002 ng

RT: 23.67 min Scan# 2696

Delta R.T. 0.01 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

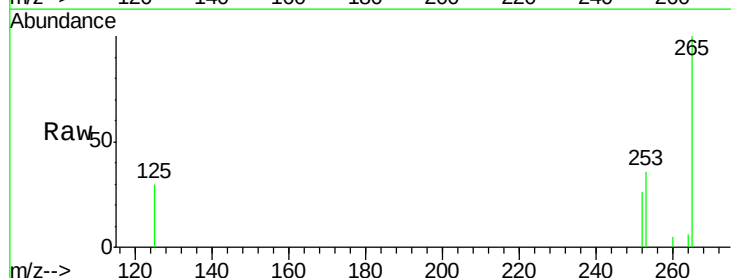
Tgt Ion:252 Resp: 176

Ion Ratio Lower Upper

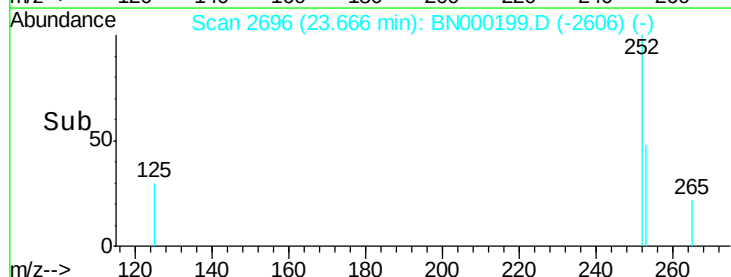
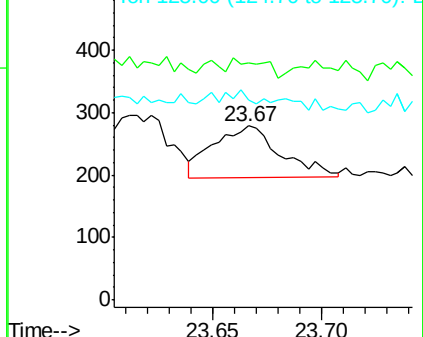
252 100

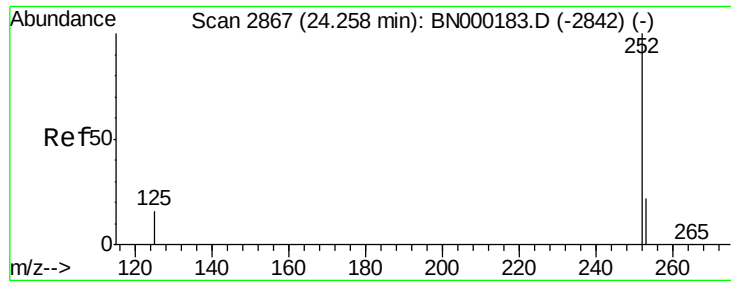
253 136.2 16.0 24.0#

125 114.7 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.001 ng

RT: 24.25 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

Instrument :

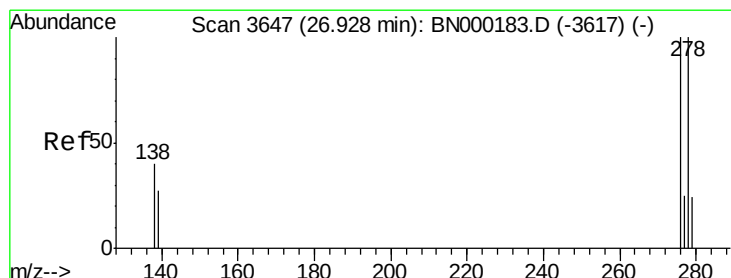
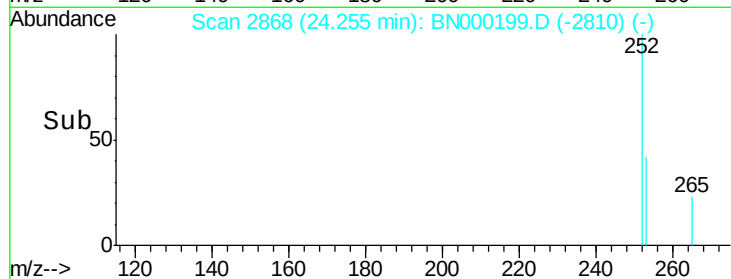
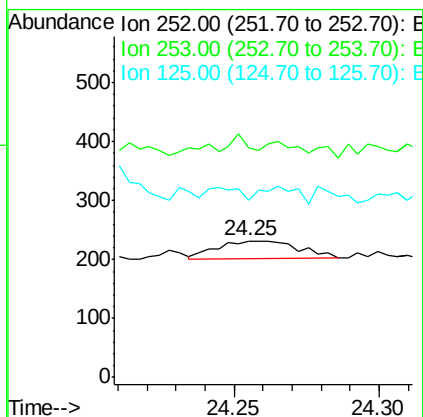
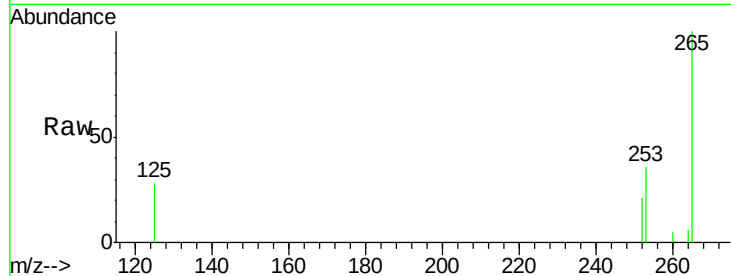
BNA_N

ClientSampleId :

MDL-S-BL-2

Tgt Ion: 252 Resp: 60

Ion	Ratio	Lower	Upper
252	100		
253	168.1	16.0	24.0#
125	129.7	12.0	18.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 26.94 min Scan# 3651

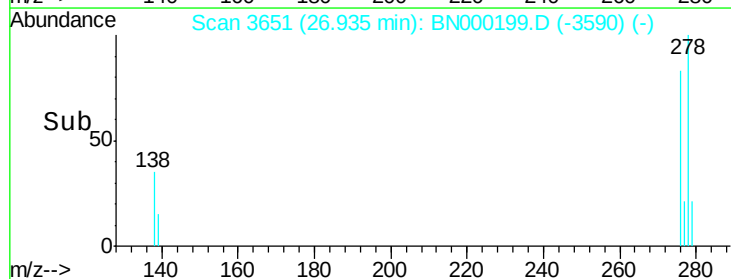
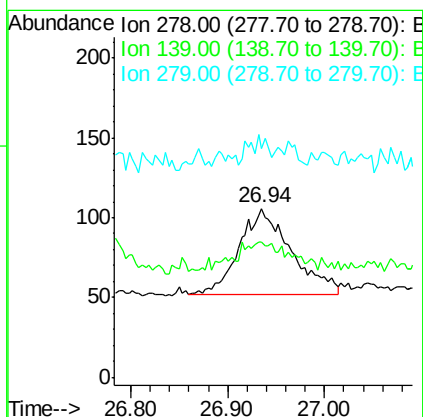
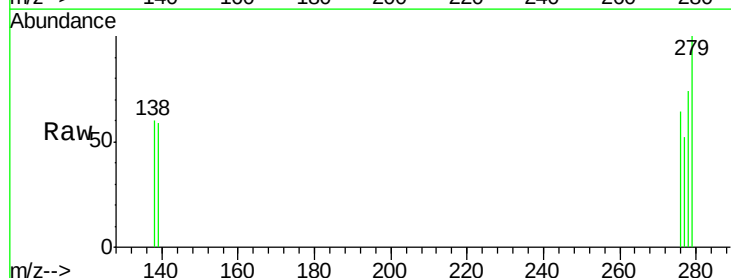
Delta R.T. 0.01 min

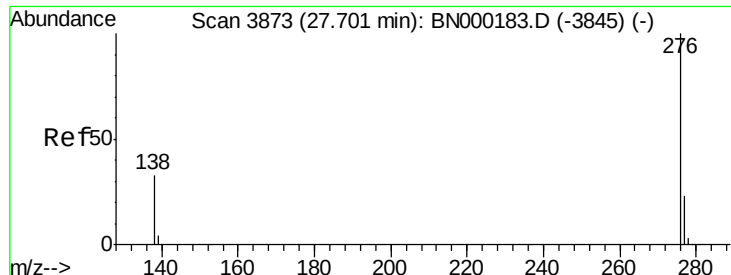
Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

Tgt Ion: 278 Resp: 199

Ion	Ratio	Lower	Upper
278	100		
139	80.2	16.0	24.0#
279	134.9	20.0	30.0#





#39

Benzo(g,h,i)perylene

Concen: 0.002 ng

RT: 27.70 min Scan# 3874

Delta R.T. -0.00 min

Lab File: BN000199.D

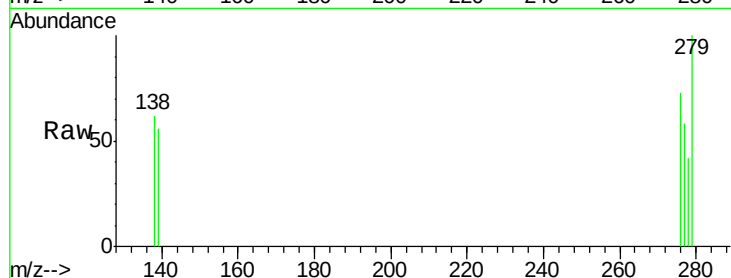
Acq: 28 Feb 2018 10:12

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL-2



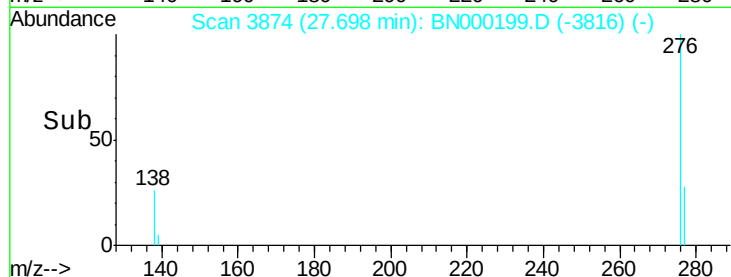
Tgt Ion: 276 Resp: 163

Ion Ratio Lower Upper

276 100

277 79.3 16.0 24.0#

138 84.8 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

27.70

Time-->